Drainage Criteria Manual

BIBLIOGRAPHY

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SECTION 2 - DETERMINATION OF STORM RUNOFF

- 2-1. Barfield, B.J., R.C. Warner and C.T. Haan, <u>Applied Hydrology and Sedimentology For Disturbed Areas</u>, Oklahoma Technical Press, Stillwater, Oklahoma, 1981.
- 2-2. City of Austin, <u>Drainage Criteria Manual</u>, Department of Public Works, First Edition, Austin, Texas, January, 1977.
- 2-3. Espey, W.H., D.G. Altman and C.B. Graves, "Nomograph for Ten-Minute Unit Hydrographs for Small Urban Watersheds," ASCE Urban Water Resources Research Program Technical Memorandum No. 32, American Society of Civil Engineers, New York, December, 1977.
- 2-4. Kibler, D.F., "Urban Stormwater Hydrology," Water Resources Nomograph 7, American Geophysical Union, Washington, D.C., 1982.
- 2-5. Ordon, C.J., "Volume of Storm Water Retention Basins," Journal of Environmental Engineering Division, American Society of Civil Engineers, Vol. 100, No. EE5, Proceeding Paper 10889, October 1974, pp. 165-1177.
- 2-6. McCuen, R.H., <u>A Guide to Hydrologic Analysis Using SCS Methods</u>, Prentice-Hall Inc., Englewood Cliffs, New Jersey, 1982. (Text format may differ from original).
- 2-7. Rossmiller, R.L., "The Rational Formula Revisited," <u>Proceedings of International Symposium on Urban Storm Runoff</u>, University of Kentucky, Lexington, July, 1980.
- 2-8. U.S. Soil Conservation Service, "Project Formulation-Hydrology," Technical Release 20, 1982. (Text format may differ from original).
- 2-9. U.S. Soil Conservation Service, <u>Soil Survey of Travis County, Texas</u>, June, 1974.
- 2-10. U.S. Soil Conservation Service, Urban Hydrology for Small Watersheds, 1975.
- 2-11. U.S. Soil Conservation Service, <u>Urban Hydrology for Small Watersheds</u> (Second Edition), Technical Release 55, June, 1986.
- 2-12. U.S. Soil Conservation Service, "Hydrology, Section 4," <u>National Engineering</u> Handbook. (NEH-4), 1972.
- 2-13. Whipple, W., N.S. Grigg, T. Grizzard, C.W. Randall, R.B. Shubinski, and L.S. Tucker, <u>Stormwater Management in Urbanizing Areas</u>, Prentice- Hall, Inc., Englewood Cliffs, New Jersey, 1983.

SECTION 3 - STREET FLOW

- 3-1. City of Austin, <u>Drainage Criteria Manual</u>, Department of Public Works, First Edition, Austin, Texas, January, 1977.
- 3-2. City of Austin, <u>Policy on Geometric Roadway Design</u>, Department of Transportation and Public Services, Austin, Texas, March, 1987.
- 3-3. Denver Regional Council of Governments, Urban Drainage and Flood Control District, <u>Urban Storm Drainage Criteria Manual</u>, Volumes 1 and 2, Denver, Colorado, 1969, (Revised in May 1984).
- 3-4. Izzard, C.F., "Hydraulics of Runoff From Developed Surfaces," <u>Proceedings of Highway Research Board</u>, Volume 26, pp. 129-150, Highway Research Board, Washington, D.C., 1946.
- 3-5. Johnson, F.L. and F.M. Chang, "Drainage of Highway Pavements," Hydraulic Engineering Circulation No. 12, Federal Highway Administration, Washington, D.C., March, 1984.
- 3-6. Texas Highway Department, <u>Hydraulic Manual</u>, Third Edition, December, 1985.

SECTION 4 - INLETS

- 4-1. City of Austin, <u>Drainage Criteria Manual</u>, Department of Public Works, First Edition, Austin, Texas, January, 1977.
- 4-2. Texas Highway Department, <u>Hydraulic Manual</u>, Third Edition, December, 1985.
- 4-3. NEENAH Foundry Company, NEENAH Inlet Grate Capacities, 1980.

SECTION 5 - STORM DRAINS

- 5-1. American Concrete Pipe Association, <u>Concrete Pipe Handbook</u>, Second Printing, Vienna, Virginia, April, 1981.
- 5-2. American Concrete Pipe Association, <u>Concrete Pipe Design Manual</u>, Sixth Printing, Vienna, Virginia, February, 1985.
- 5-3. American Iron and Steel Institute, <u>Modern Sewer Design</u>, Washington, D.C., 1980.
- 5-4. Brater, E.F. and H.W. King, <u>Handbook of Hydraulics</u>, Sixth Edition, McGraw-Hill Book Company, N.Y., 1976.
- 5-5. Chow, V.T., Open Channel Hydraulics, McGraw-Hill Book Company, N.Y., 1969.
- 5-6. Linsley, R.K. and J.B. Franzini, <u>Water Resources Engineering</u>, Third Edition, McGraw-Hill Company, N.Y., 1979.
- 5-7. Merrit, F.S., <u>Standard Handbook for Civil Engineers</u>, Third Edition, McGraw-Hill, N.Y., 1983.

- 5-8. Metcalf & Eddy, Inc., <u>Wastewater Engineering Collection: Pumping of Wastewater</u>, McGraw-Hill, N.Y., 1981.
- 5-9. Portland Cement Association, <u>Handbook of Concrete Culvert Pipe Hydraulics</u>, Skokie, Illinois, 1964.
- 5-10. Sangster, W.M., H.W. Wood, E.T. Smerdon and H.G. Bossy, "Pressure Changes at Storm Drain Junctions," Engineering Series Bulletin No. 41, University of Missouri, Columbia, Missouri, 1958.

SECTION 6 - OPEN CHANNELS

- 6-1. Brater, E.F. and H.W. King, <u>Handbook of Hydraulics</u>, Sixth Edition, McGraw-Hill Book Company, N.Y., 1976.
- 6-2. Chow, V.T., Open Channel Hydraulics, McGraw-Hill Book Company, N.Y., 1959.
- 6-3. City of Austin, <u>City of Austin Standards</u>, Department of Public Works, Austin, Texas, February 1986.
- 6-4. City of Austin, <u>Erosion and Sedimentation Control Manual</u>, Department of Public Works, Austin, Texas, 1982.
- 6-5. Corps of Engineers, Workshop on Advanced HEC-2 Modeling Technique, Southwestern Division, Fort Worth, Texas, June, 1981.
- 6-6. Denver Regional Council of Governments, Urban Drainage and Flood Control District, <u>Urban Storm Drainage Criteria Manual</u>, Volumes 1 and 2, Denver, Colorado, 1969.
- 6-7. U.S. Bureau of Reclamation, <u>Design of Small Dams</u>, Second Edition, Denver, Colorado, 1974.
- 6-8. U.S. Bureau of Reclamation, <u>Design of Small Canal Structures</u>, Denver, Colorado, 1978.
- 6-9. U.S. Bureau of Reclamation, "Hydraulic Design of Stilling Basins and Energy Dissipators," Engineering Monograph No. 25, Eighth Printing, Denver, Colorado, May, 1984.
- 6-10. U.S. Bureau of Reclamation, <u>Hydraulics and Excavation Tables</u>, Eleventh Edition, Denver. 1957.
- 6-11. U.S. Soil Conservation Service, <u>Handbook of Channel Design for Soil and Water Conservation</u>, SCS-TP-61, Washington D.C., Revised June 1954.
- 6-12. WRC Engineering, Inc., <u>Boulder County Storm Drainage Criteria Manual</u>, Denver, Colorado, 1984.

SECTION 7 - CULVERTS

7-1. American Concrete Pipe Association, <u>Concrete Pipe Design Manual</u>, Sixth Printing, Vienna, Virginia, 1985.

- 7-2. American Iron and Steel Institute, <u>Handbook of Steel Drainage and Highway Construction Products</u>, Third Edition, Washington, D.C., 1983.
- 7-3. Chow, V.T., Open Channel Hydraulics, McGraw-Hill Book Company, 1959.
- 7-4. Denver Regional Council of Governments, <u>Urban Storm Drainage Criteria</u> Manual, Denver, Colorado, March 1969.
- 7-5. Federal Highway Administration, "Hydraulics of Bridge Waterways," Hydraulic Design Series No. 1, Second Edition, September, 1973.
- 7-6. Federal Highway Administration, "Hydraulic Charts for the Selection of Highway Culverts," Hydraulic Engineering Circular No. 5 (HEC-5), Reprinted June 1980.
- 7-7. Federal Highway Administration, "Debris Control Structures," Hydraulic Engineering Circular No. 9 (HEC-9), March 1971.
- 7-8. Federal Highway Administration, "Capacity Charts of the Hydraulic of Highway Culverts," Hydraulic Engineering Circular No. 10 (HEC-10), November 1982.
- 7-9. Federal Highway Administration, "Hydraulic Design of Improved Inlets for Culverts," Hydraulic Engineering Circular No. 13 (HEC-13), August 1972.
- 7-10. Portland Cement Association, <u>Handbook of Concrete Culvert Pipe Hydraulics</u>, Skokie, Illinois, 1964.
- 7-11. Texas Highway Department, <u>Hydraulic Manual</u>, Third Edition, December, 1985.
- 7-12. U.S. Geological Survey, "Roughness Characteristics of Natural Channels," Geological Survey Water-Supply Paper 1849, Washington, D.C., 1967.
- 7-13. WRC Engineering Inc., <u>Boulder County Storm Drainage Criteria Manual</u>, Denver, Colorado, 1984.

SECTION 8 - DETENTION

- 8-1. American Public Works Association, "Urban Stormwater Management," Special Report No. 49, Chicago, Illinois, 1981.
- 8-2. Barfield, B.J., R.C. Warner and C.T. Haan, <u>Applied Hydrology and Sedimentology for Disturbed Areas</u>, Oklahoma Technical Press, Stillwater, Oklahoma, 1981.
- 8-3. Brater, E.F. and H.W. King, <u>Handbook of Hydraulics</u>, Sixth Edition, McGraw-Hill Book Company, N.Y., 1976.
- 8-4. City of Austin, <u>Drainage Criteria Manual</u>, Department of Public Works, Austin, Texas, January 1977.
- 8-5. City of Austin, <u>Erosion and Sedimentation Control Manual</u>, Department of Public Works, Austin, Texas, September 1982.
- 8-6. City of Austin, <u>Department of Transportation & Public Services Regional</u>
 <u>Stormwater Management Participation Guidelines</u>, Department of Transportation & Public Services, Austin, Texas, May 1987.

- 8-7. Houston, F.C., "Simplified Sizing of Small Urban Detention Ponds," Proceedings of 1983 International Symposium on Urban Hydrology, Hydraulics and Sediment Control, University of Kentucky, Lexington, Kentucky, July 25-28, 1983.
- 8-8. Ormsbee, L.E., J.W. Delleur and M.H. Houck, "Development of a General Planning Methodology For Stormwater Management in Urban Watersheds," Technical Report No. 163, Water Resources Research Center, Purdue University, West Lafayette, Indiana, 1984.
- 8-9. Rossmiller, R.L., "Outlet Control Structures," presented in the Fourth Southwest Regional Symposium and Workshop on Urban Stormwater Management, Texas A&M University, College Station, Texas, December 16-18, 1985.
- 8-10. Soil Conservation Service, <u>Project Formulation Hydrology</u>, Technical Release Number 20, Lanham, Maryland, May 1982.
- 8-11. Simon, A.L., <u>Hydraulics</u>, Third Edition, John Wiley & Sons, New York, 1986.
- 8-12. Taur, C.K., G. Toth, G.E. Oswald and L.W. Mays, "Optimization of Regional Detention Stormwater Networks Via Dynamic Programming for the City of Austin, Texas," Proceedings of 1985 International Symposium on Urban Hydrology, Hydraulic Infrastructures and Water Quality Control, University of Kentucky, Lexington, Kentucky, July 23-25, 1985.
- 8-13. Toth, G., C.K. Taur, A. Faucett and G.E. Oswald, "Regional Detention Networks in Austin, Texas," presented in the Fourth Southwest Regional Symposium and Workshop on Urban Stormwater Management, Texas A&M University, College Station, Texas, December 16-18, 1985.
- 8-14. Walker, G., "Detention Pond Design," presented at a seminar at Cunningham-Graves Inc., Austin, Texas, 1986.
- 8-15. Whipple, W., N.S. Grigg, T. Grizzard, C.W. Randall, A.B. Shubinski, and L.S. Tucker, <u>Stormwater Management in Urbanizing Areas</u>, Prentice-Hall, Inc., Englewood Cliffs, New Jersey, 1983.